

# SWBAT

review displacement, distance, speed, velocity, acceleration, and converting

Sep 4-7:31 AM

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Sep 5-9:09 AM

# Welcome!!!

SECA CP Physics  
Tuesday 3 November 2015



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Room C-244

- SchoolView up
- review questions out
- turn in review sheet!

Centering  
(quotes)

Opening Activity: 9:34 - 9:40

Create 3 true/false questions on  
3 cards!

GAME TODAY.

TOMORROW... ?

"Showing up is 80% of life"

-Woody Allen

Sep 7-7:04 AM

I go 600 meters around this track. It takes me 3 minutes.

Q1. What is my displacement (3 parts in answer)  
START TO STOP WITH DIRECTION  $50\text{ m SOUTH}$

Q2. What is my average speed  
 $SPEED = \frac{DIST}{TIME} = \frac{600\text{ m}}{3\text{ min}} = 200\text{ m/min}$

Q3. What is my distance  
TOTAL GROUND COVERED =  $600\text{ m}$

Q4. What is my average velocity  
 $VELOCITY = \frac{DISPLACEMENT}{TIME} = \frac{50\text{ m S.}}{3\text{ min}} = 16.7\frac{\text{m}}{\text{min S.}}$

Q5. If my average speed is 3.33 meters per second, what is my speed in km/hr?  
 $3.33\frac{\text{m}}{\text{s}} \times \frac{1\text{ km}}{1000\text{ m}} \times \frac{60\text{ min}}{1\text{ hr}} \times \frac{60\text{ s}}{1\text{ min}} = 11.988\frac{\text{km}}{\text{hr}} \sim 12\frac{\text{km}}{\text{hr}}$

Q6. If I come back tomorrow to the track, what are 2 ways my exercise displacement could be zero?  
- STAND AT START LINE & GO NOWHERE  
- GO ONCE AROUND THE TRACK CLOCKWISE  
- GO AROUND EXACTLY TWICE, 3x, 4x, ... COUNTERCLOCKWISE

Oct 30-7:29 AM

Agreed that we will celebrate if the class average is  $>60\%$

Today - In class review

**SHOW YOUR WORK!**

Nobody's should be identical.

We're all in this together means...

Help others understand (letting them copy, writing identical things doesn't do that)

Due today, 11/3

Nov 2-9:05 AM